



# 11170PFW EPIC™ WARRIOR LB WHITE

WILFLEX™ Epic Warrior White is a non-phthalate general purpose white ink that delivers good printability and visual appearance. Epic Warrior White can be used as an underbase flash white or as a highlight white. It is characterized by fast flash-time with minimal after-tack, good fiber mat-down, high brightness, and a matte appearance. Epic Warrior LB White is designed for applications on 100% cotton fabrics.

## HIGHLIGHTS

- Excellent opacity and coverage
- Excellent for vector graphics
- Good hand, drape and fiber-matte down
- Recommended for automatic presses
- Good bleed resistance on poly-blends

## PRINTING TIPS

- Stir inks before printing
- Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results
- Use a printing technique to assure a good ink deposit to maximize bleed resistance and film strength properties
- Warrior LB White is a full-bodied ink with moderate-fast print stroke speeds. Use hard flood and medium squeegee pressures
- Warrior LB White is a low bleed ink. When printing on garments that contain certain dyes, pre-test for the potential of ghosting
- Adjust flash cure temperature and dwell time so ink is just dry to touch. Depending on flash unit, a 2 - 3 second flash is adequate.

## COMPLIANCE

- Non-phthalate
- For individual compliance certifications and conformity statements, please visit [www.avient.com/wilflex-compliance](http://www.avient.com/wilflex-compliance)

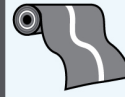
## PRECAUTIONS

The information above is given in good faith and does not release you from testing inks and fabrics to confirm suitability of substrate and application process to meet your customer standards and specifications

## PRODUCT INFORMATION BULLETIN



## RECOMMENDED PARAMETERS



### Fabric Types

100% cotton, cotton/poly blends



### Mesh

Count: 86-305 t/in (34-120 t/cm)  
Tension: 25-35 n/cm2



### Squeegee

60/90/60, 70/90/70, 70  
Profile: Square, Sharp  
Stroke: Hard flood, Fast stroke  
Angle: 10-15%



### Stencil

2 over 2  
Off Contact: 1/16" (2mm)  
Emulsion Over Mesh: 15-20%



### Flash & Cure

Flash: 220°F (105°C)  
Cure: 320°F (160°C)



### Pigment Loading

N/A



### Wilflex™ Additives

Epic Viscosity Buster-1% max



### Storage

65-90°F (18-32°C)  
Avoid direct sunlight  
Use within one year of receipt



### Clean Up

Ink degradant or press wash



### Health & Safety

SDS: [www.avient.com/resources/safety-data-sheets](http://www.avient.com/resources/safety-data-sheets)  
Contact your local CSR



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V1.00 (Modified: 11/12/2020)

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